



CANOD Lost Incident Decision

Published
08/07/12 15:08

Table of Contents

1. Decision	2
1.1. Decision Summary.....	2
1.2. Assessment	3
1.2.1. Incident Information	3
1.2.1.1. Content.....	3
1.2.2. Weather.....	5
1.2.2.1. Content.....	5
1.2.3. Content	9
1.3. Objectives	11
1.3.1. Content	11
1.4. Course of Action	16
1.4.1. Content	16
1.5. Validation.....	19
1.5.1. Content	19
1.6. Rationale	27
1.6.1. Content	27

1. Decision

1.1. Decision Summary

Decision Information

NAME	VALUE
Published	08/07/2012 15:08 CDT
Estimated Cost	\$4,500,000
Incident Owner (s)	James Newman, Paul Whitcome, Mark Beterbide, Casey Boespflug, Albert Savage
Editor(s)	Alan Uchida, Julie Rodman, Steve Surian, Tim Burke
Reviewer(s)	
Approver(s)	Tim Burke
Natl Preparedness Level	3

Decision History

Editor Name	Action	Date (CDT)	Comment
Burke, Tim	Approved	08/07/2012 15:08	
Burke, Tim	Published	08/07/2012 15:08	
Newman, James	Review Requested	08/07/2012 14:56	
Newman, James	Review Requested	08/07/2012 14:56	

1.2. Assessment

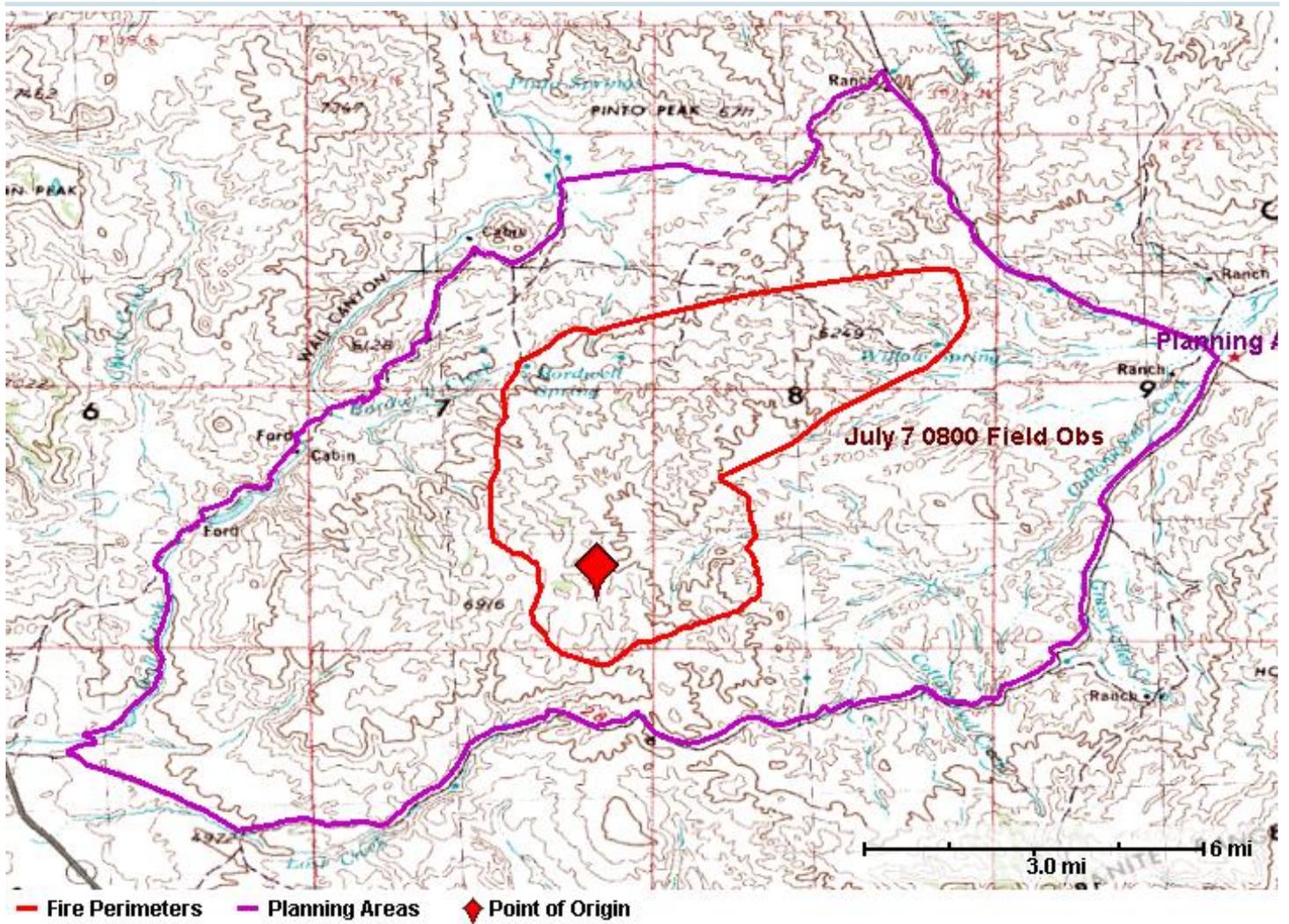
1.2.1. Incident Information

1.2.1.1. Content

Incident Information

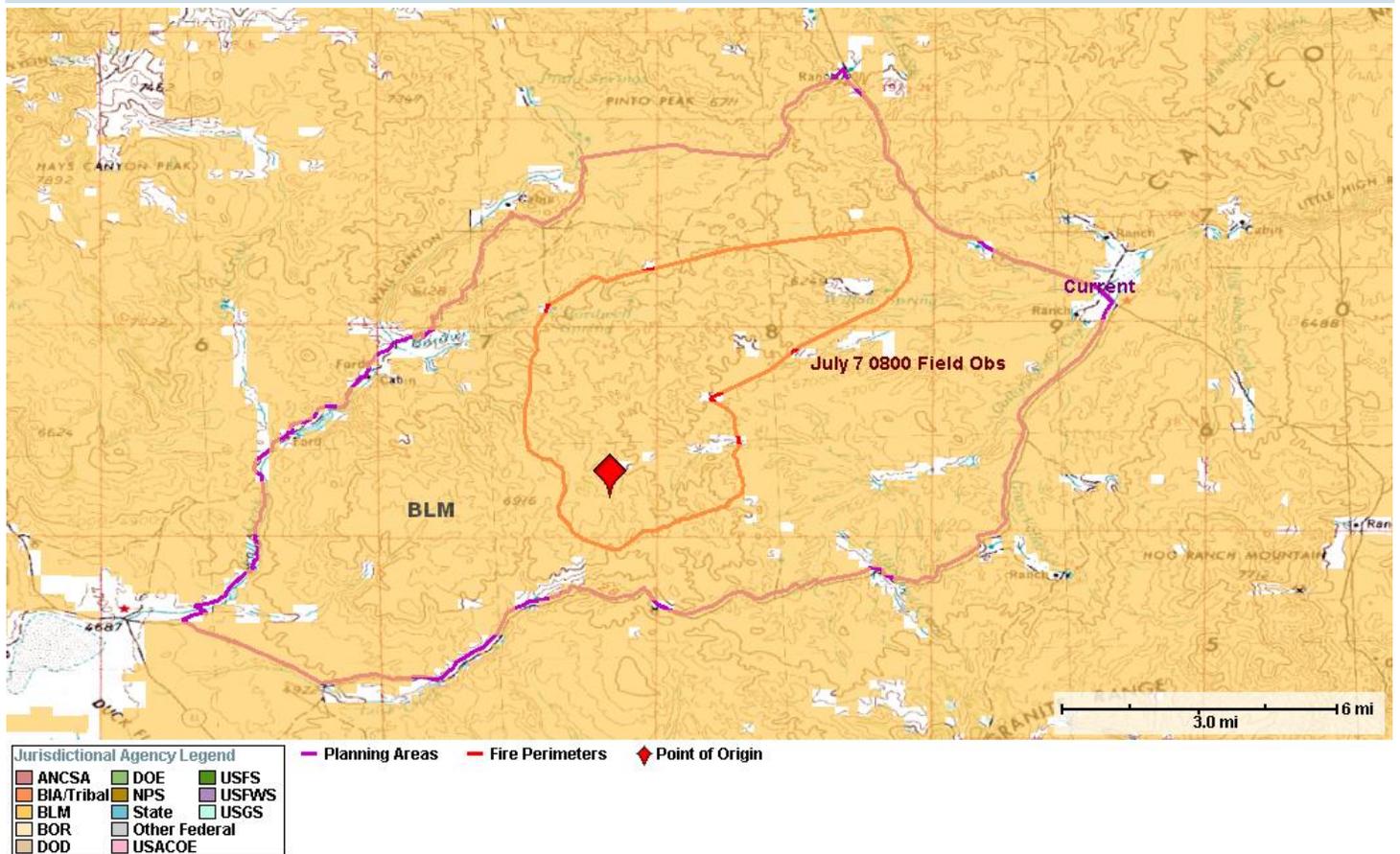
NAME	VALUE
Incident Name	CANOD Lost
Unique Fire Identifier	2012-CANOD-003373
Responsible Unit Name	Northern California Region - BLM
FireCode	G4Z9
Incident Size	26,922 acres
Incident Cause	Unknown
Incident Discovery	08/05/2012 17:30
Contained	
Controlled	
Out	
Jurisdictional Unit	CANOD - Northern California Region - BLM
Jurisdictional Agency(s)	BLM
Geographic Area	Northern California
Point of Origin	41.13686 N / 119.69117 W
Owner Name(s)	James Newman, Paul Whitcome, Mark Beterbide, Casey Boespflug, Albert Savage
Nationally Significant	No

Incident Map



The map displays the current planning area boundary.

8-7-12 1200 Land Ownership



The lands colored in yellow are BLM lands. The white inholdings are private lands.

1.2.2. Weather

1.2.2.1. Content

Fire Weather Zone Forecast

000
FNUS55 KREV 071223
FWFREX

FIRE WEATHER PLANNING FORECAST
NATIONAL WEATHER SERVICE RENO NV
700 AM PDT TUE AUG 7 2012

.DISCUSSION...HIGH PRESSURE WILL BUILD INTO THE REGION AND BRING MUCH WARMER TEMPERATURES WITH NEAR RECORD HEAT FOR THE LAST HALF OF THE WEEK. HUMIDITY RECOVERY WILL BE POOR TO MODERATE. ISOLATED THUNDERSTORMS ARE POSSIBLE THROUGH MONO AND MINERAL COUNTIES WITH A FEW STORMS WORKING AS FAR NORTH AS THE PINE NUT MOUNTAINS.

NOTE: THUNDERSTORMS IMPLY GUSTY AND ERRATIC WINDS.
NOTE: PLEASE SEE OPERATING PLAN FOR DETAILED ZONE DESCRIPTIONS
[HTTP://WWW.WRH.NOAA.GOV/FIREWX/?WFO=REV](http://www.wrh.noaa.gov/firewx/?wfo=rev)

CAZ270-278-NVZ458-080030-
SURPRISE VALLEY CALIFORNIA-EASTERN LASSEN COUNTY-
NORTHERN WASHOE COUNTY-

Fire Weather Zone Forecast

700 AM PDT TUE AUG 7 2012

.TODAY...

SKY/WEATHER.....SUNNY. HAZE AND AREAS OF SMOKE IN THE MORNING.

MAX TEMPERATURE.....

VALLEYS.....89-99.

MID SLOPE.....85-93.

24 HR TREND.....2 DEGREES WARMER.

MIN HUMIDITY.....

VALLEYS.....6-11%.

MID SLOPE.....7-12%.

24 HR TREND.....2% DRIER.

20-FOOT WINDS.....

VALLEYS/SLOPE...UPSLOPE 4 TO 8 MPH BECOMING SOUTHWEST 10 TO 15 MPH WITH GUSTS TO 25 MPH IN THE AFTERNOON.

RIDGE TOP.....LIGHT WINDS BECOMING SOUTHWEST 15 TO 20 MPH WITH GUSTS 25 TO 30 MPH IN THE AFTERNOON.

HAINES INDEX.....5.

LAL.....1.

MIXING HEIGHT.....15000-15500 FT MSL.

TRANSPORT WINDS.....SOUTHWEST 15 TO 20 MPH.

CHC WETTING RAIN....0%.

.TONIGHT...

SKY/WEATHER.....CLEAR.

MIN TEMPERATURE.....

VALLEYS.....45-55.

MID SLOPE.....53-63.

24 HR TREND.....LITTLE CHANGE.

MAX HUMIDITY.....

VALLEYS.....32-42%.

MID SLOPE.....18-28%.

24 HR TREND.....LITTLE CHANGE.

20-FOOT WINDS.....

VALLEYS/SLOPE...WEST WINDS 10 TO 15 MPH WITH GUSTS TO 25 MPH IN THE EVENING BECOMING DOWNSLOPE 2 TO 5 MPH.

RIDGE TOP.....WEST WINDS 15 TO 20 MPH. GUSTS UP TO 35 MPH DECREASING TO 25 MPH AFTER MIDNIGHT.

HAINES INDEX.....5.

LAL.....1.

CHC WETTING RAIN....0%.

.WEDNESDAY...

SKY/WEATHER.....SUNNY.

MAX TEMPERATURE.....

VALLEYS.....89-99.

MID SLOPE.....86-94.

MIN HUMIDITY.....

VALLEYS.....6-11%.

MID SLOPE.....6-11%.

20-FOOT WINDS.....

VALLEYS/SLOPE...UPSLOPE 4 TO 8 MPH BECOMING SOUTHWEST AROUND 10 MPH IN THE AFTERNOON.

RIDGE TOP.....LIGHT WINDS BECOMING SOUTHWEST 10 TO 15 MPH IN THE AFTERNOON.

HAINES INDEX.....5.

LAL.....1.

MIXING HEIGHT.....15500-16000 FT MSL.

TRANSPORT WINDS.....SOUTHWEST 10 TO 15 MPH.

CHC WETTING RAIN....0%.

Fire Weather Zone Forecast

.EXTENDED...
 .WEDNESDAY NIGHT...CLEAR. LOWS 44-54. WEST WINDS AROUND 10 MPH.
 .THURSDAY...CLEAR. HIGHS 92-102. LOWS 44-54. WEST WINDS 10 TO 15 MPH.
 .FRIDAY THROUGH SATURDAY...CLEAR. HIGHS 92-102. LOWS 44-54. WEST WINDS 10 TO 15 MPH.
 .SUNDAY THROUGH MONDAY...CLEAR. HIGHS 90-100. LOWS 45-55.

\$\$

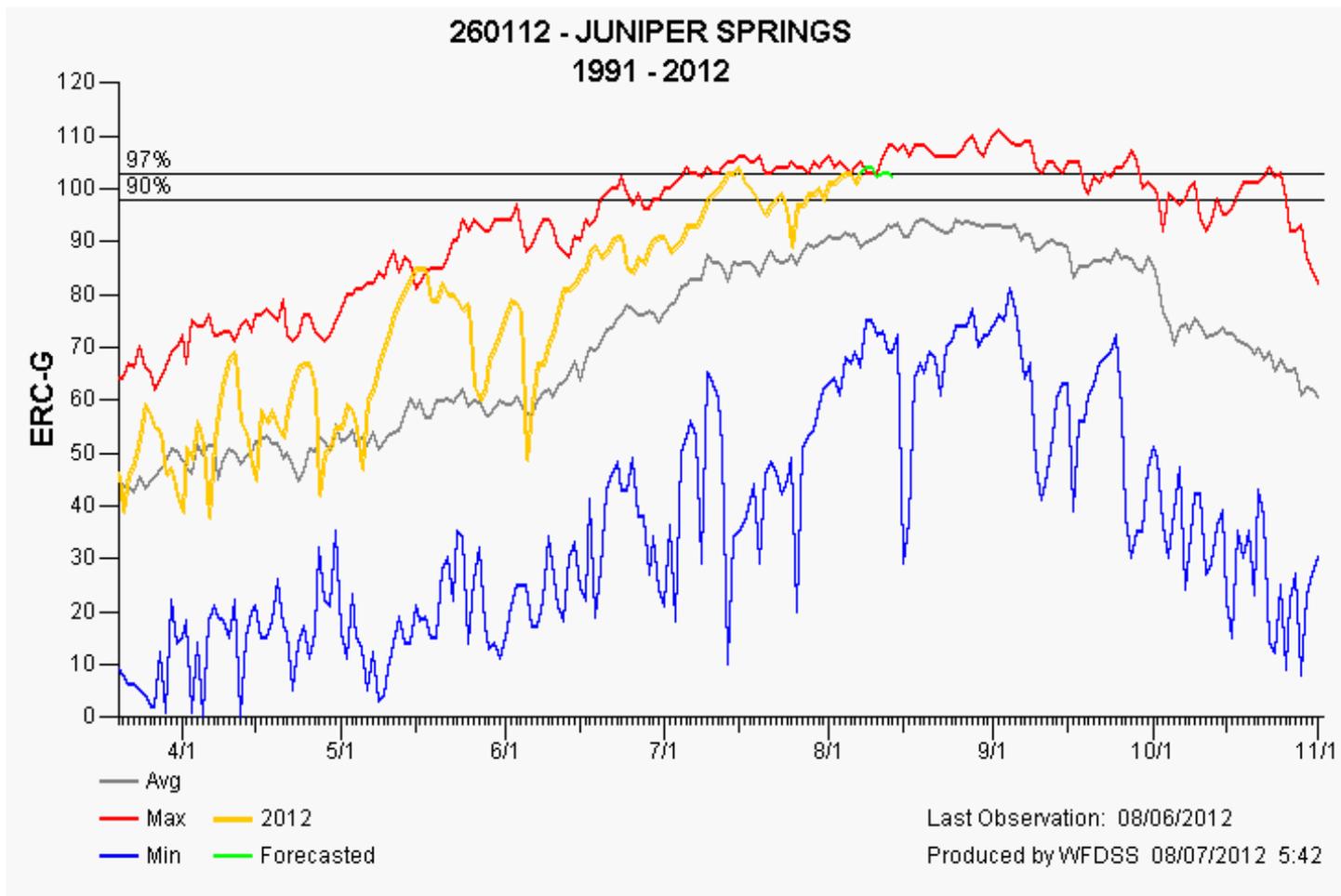
.8 TO 14 DAY OUTLOOK FOR (TUE AUG 14 THROUGH MON AUG 20)
 NEAR NORMAL TEMPERATURES AND LITTLE OR NO PRECIPITATION.

=
 \$\$

[HTTP://WEATHER.GOV/RENO](http://weather.gov/reno)

Fire Danger Rating

Latitude 41.08083 N **Longitude** 119.77639 W **Elevation** 1,630 m, 5,348 ft



Point: Latitude 41.13686 Longitude -119.69117
Model: GFS
Initialization Time:

National FCAMMS Smoke Dispersion Forecast Guidance

Forecast date/time (UTC)	Mixing height (ft-agl)	Transport wind speed (kt)	Transport wind direction	Ventilation rate (kt-ft)	Haines Low	Haines Medium	Haines High	PM2.5 surface (ug/m^3)
08/07 00	11975	5	202	54949	5	6	4	0
08/07 03	154	6	290	983	5	6	5	0
08/07 06	92	6	290	590	5	6	4	0
08/07 09	66	5	286	321	5	5	4	0
08/07 12	46	4	275	165	5	5	3	0
08/07 15	480	1	258	452	5	5	3	0
08/07 18	3185	1	222	4700	5	6	4	0
08/07 21	7276	4	216	27850	5	6	4	0
08/08 00	8930	4	246	32515	5	6	5	0
08/08 03	75	10	299	724	5	6	5	0
08/08 06	62	6	291	360	5	6	5	0
08/08 09	39	5	284	183	5	5	5	0
08/08 12	30	4	286	104	5	5	4	0
08/08 15	493	1	281	517	5	5	4	0
08/08 18	3204	1	296	3712	5	6	5	0
08/08 21	6466	2	248	9861	5	6	5	0
08/09 00	8373	3	271	21862	5	6	5	0
08/09 03	39	4	319	164	5	6	5	0
08/09 06	26	4	318	111	5	6	5	0
08/09 09	20	3	297	55	5	6	5	0
08/09 12	16	3	298	46	5	5	5	0
08/09 15	441	1	303	405	5	5	5	0
08/09 18	3016	1	297	2159	5	6	5	0
08/09 21	7132	2	226	15160	5	6	5	0
08/10 00	9722	3	249	26710	5	6	5	0
08/10 12	13	3	287	35	5	5	5	0
08/10 18	2945	1	296	2240	5	6	5	0
08/11 00	9319	2	264	21237	5	6	5	0
08/11 06	200	3	302	643	5	6	5	0
08/11 12	128	3	289	434	5	5	6	0
08/11 18	3126	1	283	2087	5	6	5	0
08/12 00	11300	3	252	35640	5	6	6	0
08/12 06	3	7	281	24	5	6	5	0
08/12 12	10	4	266	39	5	5	4	0
08/12 18	4044	2	239	7383	5	6	3	0
08/13 00	10913	3	254	33335	5	6	5	0

08/13 06	16	7	280	115	5	6	3	0
08/13 12	52	5	248	250	5	5	3	0
08/13 18	4246	1	237	2882	5	6	3	0
08/14 00	10676	3	267	26706	5	6	4	0
08/14 06	7	5	295	32	5	6	5	0
08/14 12	10	4	282	41	5	5	5	0

1.2.3. Content

NAME	VALUE
Planning Area Name	08/07/2012 15:08
Incident Name	CANOD Lost
Planning Area Size	121,555 acres

Values List

Category	Value	Data Source	Currency	Coverage
BLM Horse and Burro	43,775 acres	BLM	11/17/2010	OR, ID, MT, WY, CA, NV, UT, AZ, CO, NM
BLM Range Allotments	121,556 acres	BLM/NOC	2007	Western United States
Building Clusters: Washoe, NV	1	US Counties / FGDC Cadastral Subcomm.		Available counties
County: Washoe, NV	121,556 acres	HSIP 2011, US Census Bureau TIGER data	07/01/2010	National
Electric Transmission Lines	13.0 miles	HSIP	11/2011	National
Jurisdictional Agency: BLM	115,347 acres	Various	08/08/2011	National
Sage Grouse General Habitat	2,609 acres	BLM/NOC	05/2012	Regional - OR, WA, ID, MT, ND, SD, NV, UT, CO, CA, WY
Sage Grouse Priority Habitat	117,314 acres	BLM/NOC	05/2012	Regional - OR, WA, ID, MT, ND, SD, NV, UT, CO, CA, WY
WSA: Wall Canyon WSA	4 acres	Various	04/07/10	National

Currency/Coverage of Values Queried that Produced No Results

Category	Data Source	Currency	Coverage
BLM Buildings	GeoCommunicator / Other Sources	07/21/2010	BLM Lands
BLM Oil / Gas Leases	BLM/NOC	06/04/2012	Western United States

Currency/Coverage of Values Queried that Produced No Results

Category	Data Source	Currency	Coverage
Campgrounds	BLM (Geocommunicator), USFS (INFRA)	BLM 07/21/10; USFS 02/23/12	National (BLM and USFS only)
Class 1 Airsheds	NPS Air Resources Division	Various	National
Communication Towers	FCC	02/22/2012	National
Electric Power Plants	HSIP	11/2011	National
Electric Sub Stations	HSIP	11/2011	National
Habitat	FWS Geospatial Services	02/01/2012	National
IRA	Various		National
Mines	HSIP	11/2011	National
NPS Buildings	NPS (NISC - Resource Information Services Division)	06/12/2012	National (incomplete)
NRA	Various	09/15/2011	National
Natl Historic Trails	Various	varies by data source	National
Natl Recreation Trails	Various	varies by data source	National
Natl Scenic Byways	Various	varies by data source	National
Natl Scenic Trails	NPS, USFWS, USFS	05/04/2012	National
Oil and Gas Pipelines	HSIP	11/2011	National
Other Areas	Various	varies by data source	National
Ozone Non-Attainment	EPA	2009	National
Particulates Non-Attainment	EPA	2009	National
Responsible Agency	Various	07/13/2011	AK, CA, ID, MT, NM
Retardant Avoidance	USFS Data Warehouse	12/2011	National (USFS Units only)
Roads	ESRI Data and Maps 2010	2010	National
TNC Lands	The Nature Conservancy	02/21/2012	National
USFS Buildings	USFS-INFRA	02/23/2012	National
USFWS Trails	FWS	varies by data source	National
Wilderness	Various	03/12/2012	National

1.3. Objectives

1.3.1. Content

Incident FMU List

Unit	FMU	Acres
CANOD	CABLM-Surprise-02 - Hays	48,899.6
CANOD	CABLM-Surprise-03 - Massacre	66,867.2
CANOD	CABLM-Surprise-ALL - Apply to multiple FMUs	0

Incident Objective List

Active	Inactive	Incident Objective
08/06/2012		Minimize impacts to sage grouse priority habitat and general habitat
08/07/2012		Incident objectives are: <ol style="list-style-type: none"> 1. Keep the fire North of Lost Creek Road 2. Keep the fire South of junction of Wild Horse Pass Road 3. Keep the fire East of Wall Canyon Wilderness Study Area and Wall Canyon Creek 4. Keep the fire West/Southwest of Road 34
08/07/2012		Minimize impacts to: <ul style="list-style-type: none"> • Sage grouse habitat • Cultural resource sites • Natural springs • Grazing allotments • Wild Horse Habitat Management Areas • Habitat for game and BLM sensitive wildlife species
08/07/2012		Aggressively suppress the fire to minimize impacts to the energy transmission line that runs through the fire perimeter
08/07/2012		Provide for the protection of private property, associated improvements, and infrastructure. Prevent the loss of structures where possible.
08/07/2012		Minimize loss of high value habitat to include preliminary priority sage grouse habitat, mule deer winter and summer range, big horn sheep habitat, and Wall Canyon sucker habitat, and antelope range.
08/07/2012		Minimize or mitigate threats to known cultural resources and utilize trained resource advisors / archaeologists to avoid sensitive areas.
08/07/2012		Minimize threats and impacts to riparian areas, critical watershed, aspen stands, and other high value natural resources.
08/07/2012		Minimize impacts to grazing allotments and associated improvements, work closely with permittee(s) to identify concerns.
08/07/2012		Minimize potential for noxious / invasive species after burn by working with Resource Advisor to identify mitigation measures.
08/07/2012		Utilize appropriate suppression methods to keep the fire to the smallest possible size where safe and possible to do so.

Incident Objective List

Active	Inactive	Incident Objective
08/07/2012		When needed post and enforce speed limits (e.g., 25 miles per hour) to reduce airborne fugitive dust and to provide for project safety.
08/07/2012		Evaluate all suppression activities to determine appropriate repair.

Incident Requirement List

Active	Inactive	Incident Requirement
08/06/2012		<p>Sage Grouse Best Management Practices</p> <ul style="list-style-type: none"> • Minimize unnecessary cross-country vehicle travel during fire operations in sage-grouse habitat • Minimize burnout operations in key sage-grouse habitat areas by constructing direct fireline whenever safe and practical to do so. • As safety allows, conduct mop-up where black adjoins unburned islands, dog legs, or other habitat features to minimize sagebrush loss. • To the extent possible, locate wildfire suppression facilities (i.e., base camps, spike camps, drop points, staging areas, heli-bases) in areas where physical disturbance to sage-grouse habitat can be minimized. These include disturbed areas, grasslands, near roads/trails or in other areas where there is existing disturbance or minimal sage brush cover. • Power-wash all firefighting vehicles, to the extent possible, including engines, water tenders, personnel vehicles, and ATVs prior to deploying in or near sage-grouse habitat areas to minimize noxious weed spread.
08/07/2012		Utilize as many naturally occurring fire barriers and the existing trail and road system to aid in fire suppression actions when possible.
08/07/2012		Suppress wildfire in sensitive vegetation communities (e.g. sagebrush, mahogany, bitterbrush) to reduce the detrimental effects on priority wildlife (sage grouse, mule deer, pronghorn, big horn) dependent on those communities. Firefighter safety is a primary concern due to the high rates of spread in this fuel type.
08/07/2012		Avoid the application of fire retardant or foam within 300 feet of a stream channel or waterway, when possible, except for the protection of life and property. Aerial application and use of retardants and foams would be consistent with national policy guidelines established by the National Office of Fire and Aviation, as amended.
08/07/2012		All springs will be avoided during line construction. There will be no line construction within 100 feet of any spring location.
08/07/2012		<p>When observable cultural resources are encountered, leave them intact and document there location. If a READ is available on the fire, notify them immediately. If cultural resources are encountered during line construction, avoid where possible based on terrain and safety.</p> <ul style="list-style-type: none"> • Provided all documentation to the IMT, at the end of each operational shift.

Incident Requirement List

Active	Inactive	Incident Requirement
		<ul style="list-style-type: none"> • GPS all line construction to assist the Field Office Cultural Resource Specialist in locating sites that may have been impacted during line construction.
08/07/2012		<p>Water hauling:</p> <ul style="list-style-type: none"> • Place water haul sites at least 0.5 mile away from riparian areas, cultural sites, and special status species locations. • Limit water hauling to existing roads when possible.
08/07/2012		<p>Do not remove water from any existing sources such as springs or reservoir, except for immediate safety concerns. If water is removed from a spring or well for safety reasons, document the location and amount. Notify the BLM Agency Administrator so that arrangements can be made to replace the water used within a timely manner.</p> <ul style="list-style-type: none"> • No water will be removed from Wall Canyon Creek under any circumstances due to BLM sensitive species located within the creek. • EXCEPTION: Water can be removed from Wall Canyon Upper Reservoir, based on local agreements.
08/07/2012		<p>Any mechanized equipment used outside designated wilderness, wilderness study areas (WSA), or areas of critical environmental concern (ACEC) will require Resource Advisor involvement. Any mechanized equipment used within designated wilderness or wilderness study areas (WSA) will require Agency Administrator approval.</p>
08/07/2012		<p>Monitor smoke impacts to the public and small communities, isolated ranches that could be affected by the incident.</p>
08/07/2012		<p>Provide for the safety of all personnel assigned to the incident. Assure that safety of firefighter, aviation, support personnel, and public is the highest priority at all times for the duration of the incident.</p>
08/07/2012		<p><u>Wall Canyon Sucker (fish) BLM sensitive species</u></p> <p>No dozer line will be constructed across Wall Canyon Creek or along the slope of the drainage for Wall Canyon Creek without prior approval from the BLM Agency Administrator.</p>
08/07/2012		<p><u>Suppression Repair</u></p> <p>A suppression plan will be prepared and provided to the IMT for implementation on the fire, when appropriate.</p>

Strategic Objective List

Unit/FMU	Active	Strategic Objective
CANOD/ CABLM- Surprise-02	06/07/2010	<ul style="list-style-type: none"> • Restore the natural fire regime (35 to 100 year cycle, mixed severity) or use prescribed fire to mimic the effects of a natural fire regime in areas over 5500' in elevation (areas less prone to cheatgrass dominance).

Strategic Objective List

Unit/FMU	Active	Strategic Objective
		<ul style="list-style-type: none"> Utilize wildland fire to limit the encroachment of juniper into sagebrush, bitterbrush, aspen, mahogany, riparian, and timber communities. Suppress fires to protect critical habitat for Sage Grouse and other sagebrush obligate species. Protect timber and high elevation Mule Deer and Bighorn Sheep habitat by promoting smaller patch size and a mosaic of fire scars, and keeping large destructive fires to a minimum.
CANOD/ CABLM- Surprise-03	06/07/2010	<ul style="list-style-type: none"> Prevent future conversion of Big Sagebrush sites to Cheatgrass by aggressively suppressing fires within these vegetation types. Suppress fires to protect critical habitat for Sage Grouse and other sagebrush obligate species. Protect cultural sites from impacts of high intensity wildfires and mechanical disturbance where possible. Provide aggressive initial attack in critical use areas, such as big game birthing grounds, critical winter range and sensitive plant communities.

Management Requirement List

Unit/FMU	Active	Management Requirement
CANOD/ CABLM- Surprise-ALL	06/07/2010	Provide for firefighter and public safety.
CANOD/ CABLM- Surprise-ALL	06/07/2010	Fire retardant will not be applied within 300 feet of streams, wetlands, ponds, springs, or riparian areas.
CANOD/ CABLM- Surprise-ALL	06/07/2010	Tailor strategies and tactics to avoid areas with significant constraints including critical wildlife habitat, T&E species, areas of soil instability, areas with cultural resource value and sensitive plant communities.
CANOD/ CABLM- Surprise-ALL	06/07/2010	Provide for aggressive initial attack along the Wildland Urban Interface and for scattered in-holdings.
CANOD/ CABLM- Surprise-ALL	06/07/2010	To prevent cross contamination between natural and manmade water sources helicopters with buckets should not draw water from multiple sources, but use a single source.
CANOD/ CABLM- Surprise-ALL	06/07/2010	District Manager or Field Office Manager approval is required for dozer use in ACECs and special designation areas.
CANOD/ CABLM- Surprise-ALL	06/07/2010	In areas where cultural sites are known or suspected to occur, heavy equipment use will not be allowed.
CANOD/ CABLM- Surprise-ALL	06/07/2010	Large islands of remaining vegetation between the fire line and already burned areas will not be "burned out", as these areas become extremely important to wildlife and for post fire seed sources for years

Management Requirement List

Unit/FMU	Active	Management Requirement
		following a large fire. This same rationale can be applied to snags and logs which are used by many birds and small mammals. Cold trail and leave intact wherever possible.

1.4. Course of Action

1.4.1. Content

Estimated Cost

NAME	VALUE
Estimated Cost	\$4,500,000
Method(s) Used	Other

Course of Action

Active	Inactive	Action Item
08/06/2012		Follow the planned initial response.
08/07/2012		Due to the location of the fire, values at risk, and the extreme growth and fire behavior that the LOST fire exhibited during the burn period of 8/5/12 through the morning of 8/6/12, the decision was made to order a Type 2 Incident Management Team. These factors along with many others (e.g. sage grouse, 200 KV energy transmission line providing power to Southern California) warranted a Type 2 Incident Management Team to ensure a safe and efficient fire suppression event.
08/07/2012		Utilize a type 2 IMT to implement the appropriate strategy and tactics unless complexity analysis, Type 2 IMT or local agency administrators recommend the next level of organizational needs.
08/07/2012		Apply indirect and direct attack to minimize loss of critical habitat for sage grouse, Wall Canyon sucker, mule deer, pronghorn, and big horn sheep.
08/07/2012		Utilize appropriate suppression methods to keep the fire to the smallest possible size.
08/07/2012		Scout for contingency lines on the west, north and east flanks of the fire.
08/07/2012		Where steep, treacherous terrain results in unacceptable risk exposure to firefighters, use previously identified contingency lines as primary containment lines for indirect line and burnout operations.

Management Action Points Map Image

A Management Action Points Map Image is not currently available.

Management Action Point 1

NAME	VALUE
Incident Name	CANOD Lost
Cost	
Shape	
Activated	08/07/2012
Deactivated	

Condition

If fire burns into Wall Canyon WSA and/or Little High Rock Wilderness.

Management Action Point 1

Actions

A new decision will be required and additional management requirements will be followed to minimize impacts within the WSA from suppression activities.

Resources

Management Action Point 2

NAME	VALUE
Incident Name	CANOD Lost
Cost	
Shape	
Activated	08/07/2012
Deactivated	

Condition

If fire burns into the drainage of Wall Canyon Creek.

Actions

Agency Administrator approval will be required to allow for line construction to cross Wall Canyon Creek or along the eastern slope of the main channel Wall Canyon Creek.

Resources

Management Action Point 3

NAME	VALUE
Incident Name	CANOD Lost
Cost	
Shape	
Activated	08/07/2012
Deactivated	

Condition

If significant indirect line construction and burning operations are needed to contain the fire.

Actions

Management Action Point 3

A new decision will be required and additional management requirements will be added.

Resources

Management Action Point 4

NAME	VALUE
Incident Name	CANOD Lost
Cost	
Shape	
Activated	08/07/2012
Deactivated	

Condition

If fire crosses either Road 34 or into Wall Canyon WSA.

Actions

The request for a Type 1 Incident Management Team will be evaluated.

Resources

The amount of suppression and support resources would initially be doubled till a Type 1 Incident Management Team could be in place to evaluate appropriate resource needs based on current and predicted fire spread and severity.

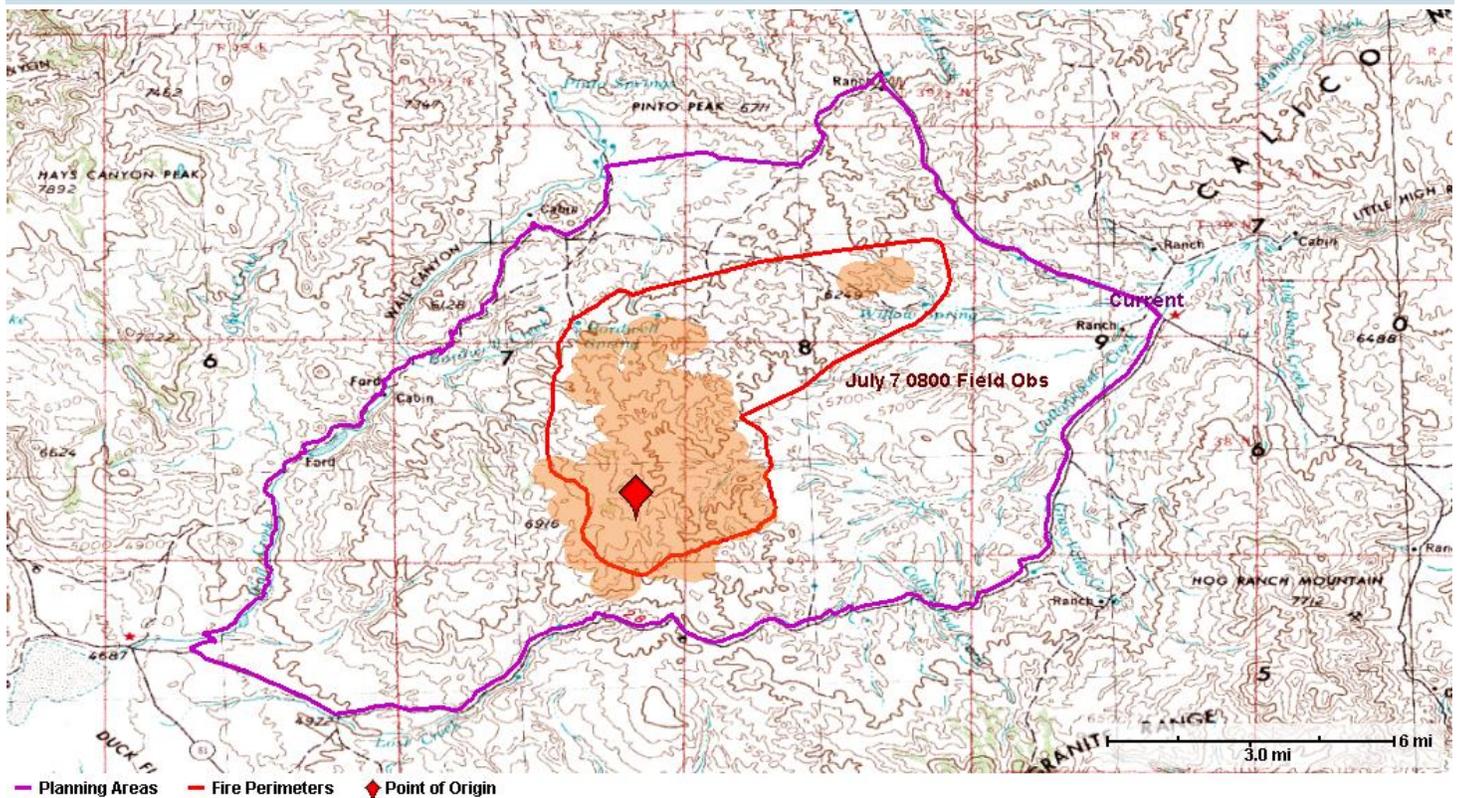
1.5. Validation

1.5.1. Content

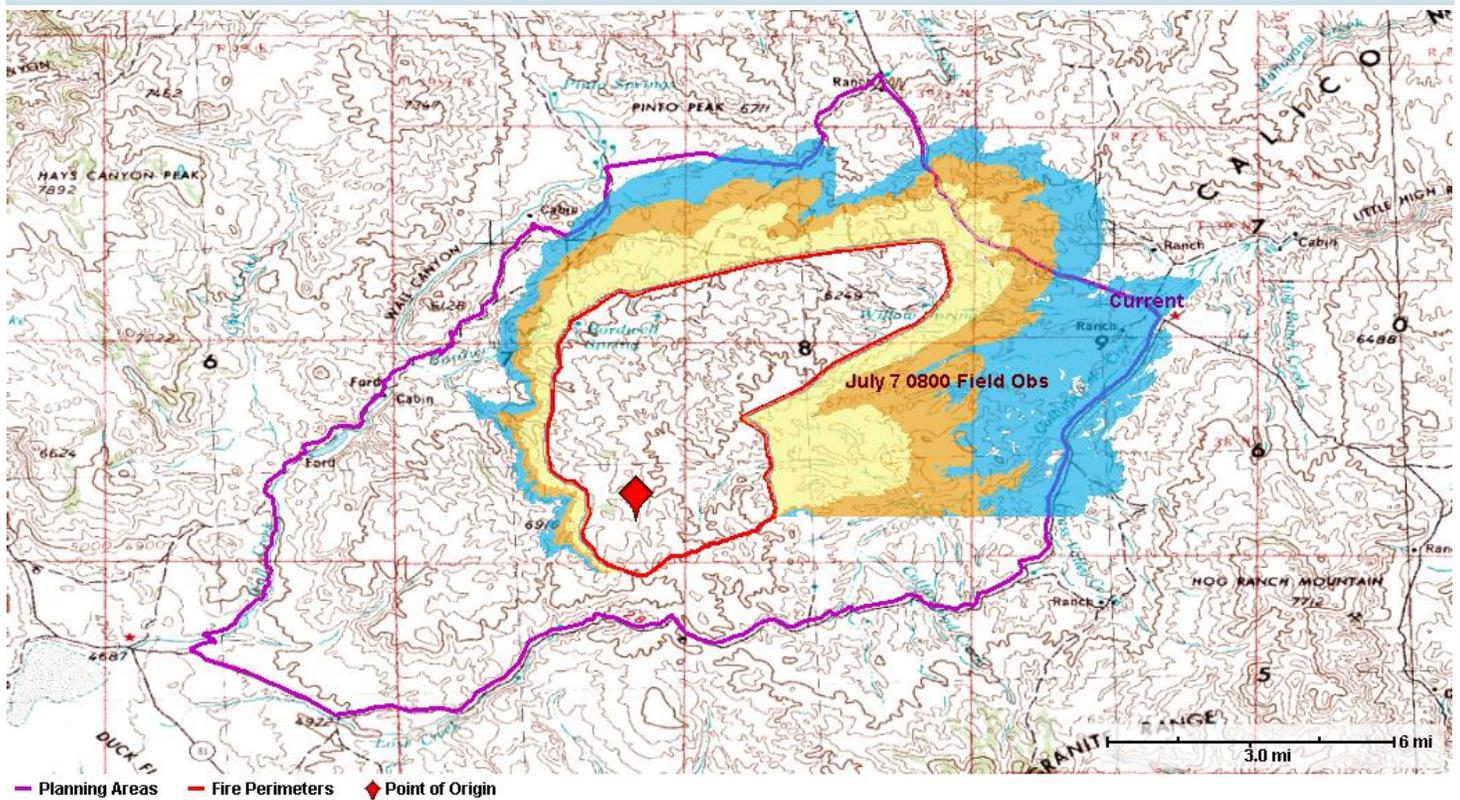
Validation History

Date (CDT)	User	Action	Comments
08/06/2012 17:14	Newman, James	Decision created	
08/07/2012 13:16	Newman, James	The proposed Course of Action will satisfy the Objectives	Full and aggressive suppression of this fire is clearly indicated due to season severity, time of year, values at risk, forecasted weather, and logistical/operational needs to support the expected need of suppression resources required to contain the fire. Due to these factors combined with the fire behavior that was exhibited along with expected fire behavior in the upcoming burn periods a Type 2 IMT is needed to manage the LOST fire.

8-7-12 1200 Active MODIS



Active MODIS. Developed at 1200 on 8/7/12.



Relative Risk

NAME	VALUE
Relative Risk	High
Duration	Long
Saved By	Newman, James
Completed	08/07/2012 13:23 CDT

Hazards Notes

Non-normal weather conditions for this time of year. Higher potential for large and long duration fires. Live fuel moistures are lower than normal for this time of year.

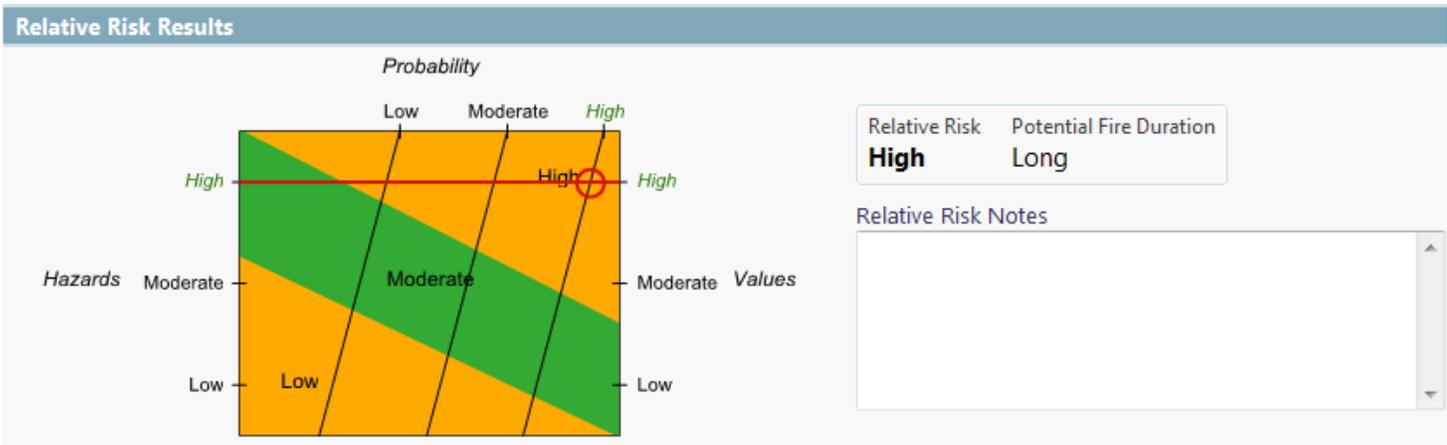
Values Notes

Priority sage grouse throughout the whole planning area. Energy transmission line to southern california. Cultural resources sites located throughout the planning area.

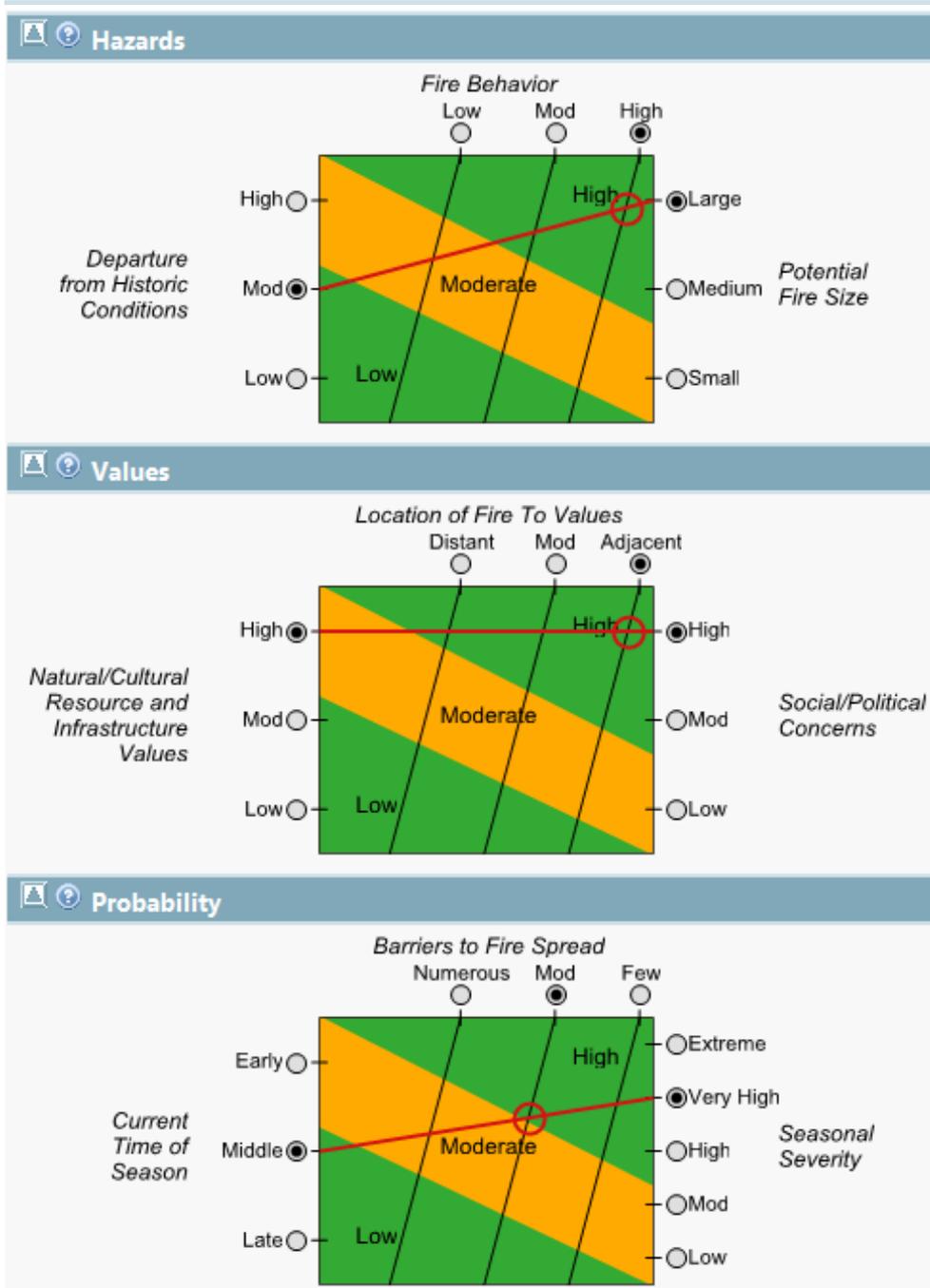
Probability Notes

There are a moderate amount of natural and man-made barriers around the current fire perimeter. The seasonal severity is very high based on the low live and dead fuel moistures through the planning area.

Main Relative Risk table



Relative Risk sub tables



What are the critical values at risk?

Values at Risk – Within the Planning Area

- Pristine Sage Grouse habitat
- 200 KV Energy Transmission Line
- Cultural resources
- Wall Canyon Sucker (BLM Sensitive Species)
- Fox-Hog Wild Horse Habitat Management Areas (HMA)
- Active grazing allotments

Values at Risk – Outside the Planning Area

- Wall Canyon WSA
- Home Camp – structure (private property with structures)
- Wall Canyon Sucker
- Black Rock High Rock Wilderness
- Campgrounds under development (north side of Wall Canyon WSA)
- Wildlife guzzlers
- Range improvements
- High Rock HMA (northeast)

What is the chance the critical values will be impacted, and if so what are the consequences?

Yes, the critical values have been impacted and will continue to be impacted as the fire continues to:

- Spread primarily north following the 200KV energy transmission line.
- Burn more pristine habitat for sage grouse
- Impact archeological sites as dozer line is constructed

Cultural Resources

The WFDDS boundary area contains numerous Cultural Resources due to the high distribution of obsidian sources. The Cultural Resources include lithic scatters, quarries, and rock shelters. Previous archaeological surveys have resulted in the identification of 110 Cultural Resources within the WFDDS boundary. The results of previous survey and site discovery indicate that 63% of the area is an archaeological site. The results of the predictive model indicate that 49% of the area is potentially an archaeological site. The use of dozer lines should be kept to a minimum to avoid destruction of the Cultural Resources.

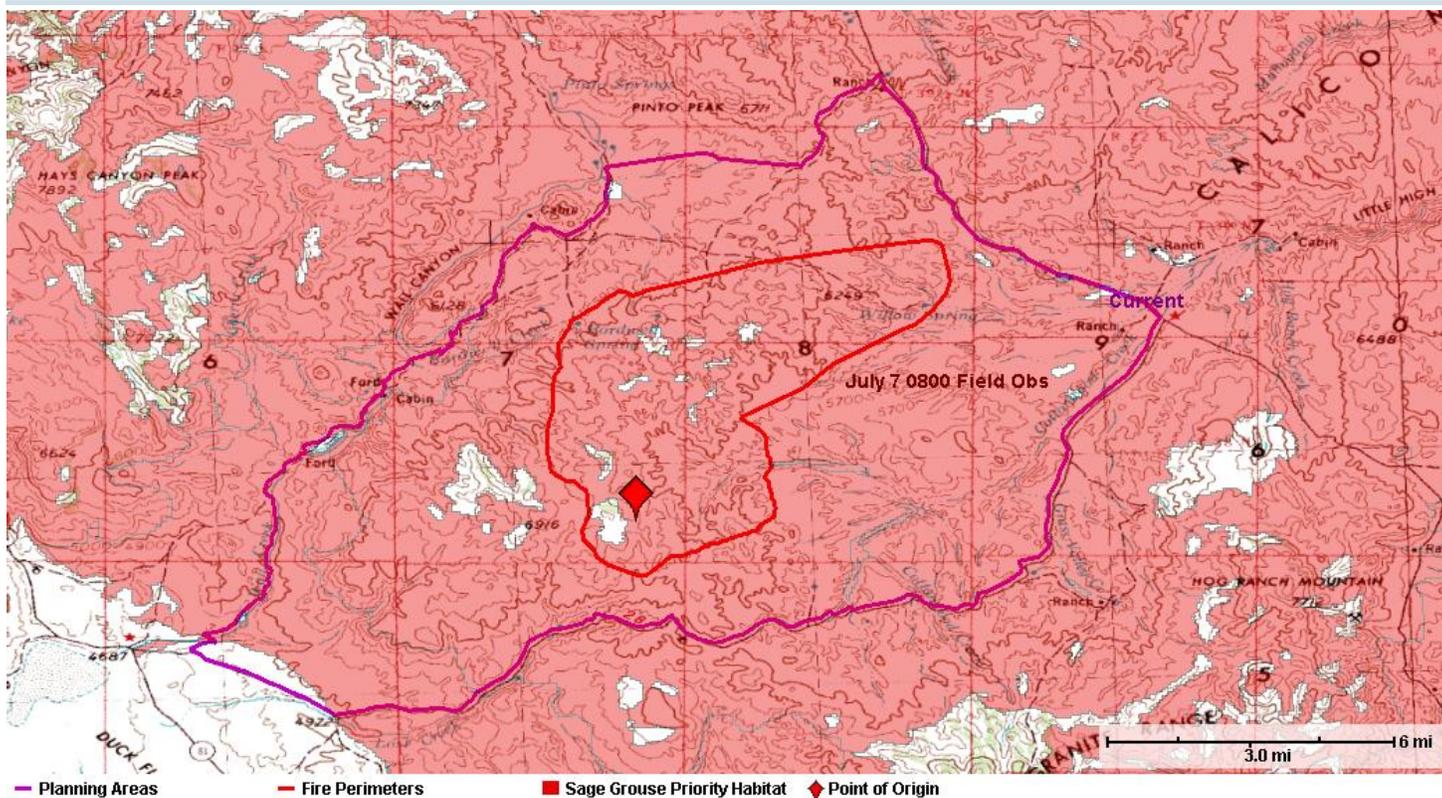
Grazing allotments

The fire is currently burning in the Bare allotment and Duck Lake allotment. If the fire continues to spread north, it will be burning into the Wall Canyon West allotment to the north. There are currently cattle in all allotments.

Wild Horse HMA

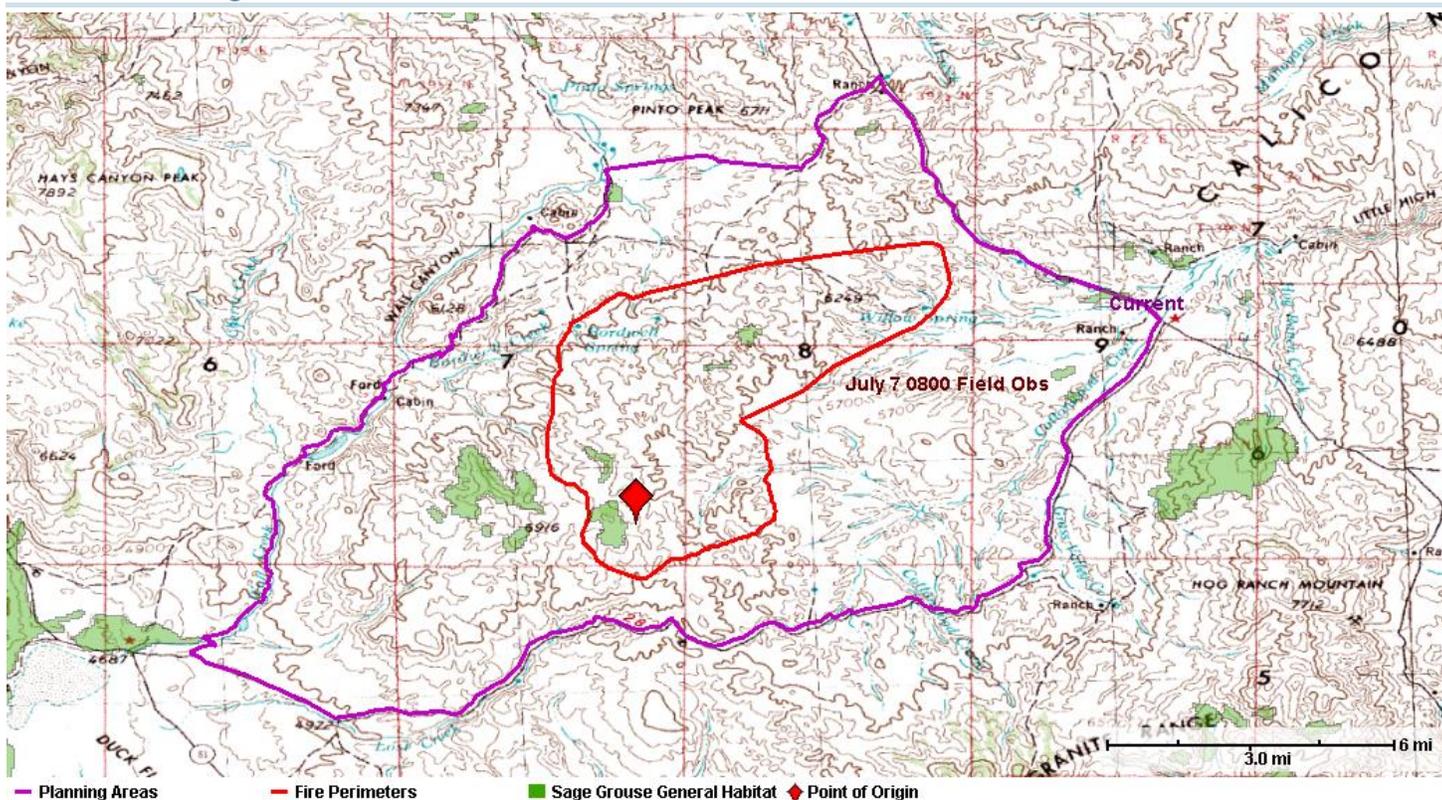
The fire is currently burning within the Fox Hog Wild Horse Habitat Management Area (HMA). If a significant portion of the HMA is burned, an analysis will be conducted to determine if an emergency gather will be initiated to remove the remaining horses within the HMA to a holding site.

8-7-12 1200 Sage Grouse Priority Habitat



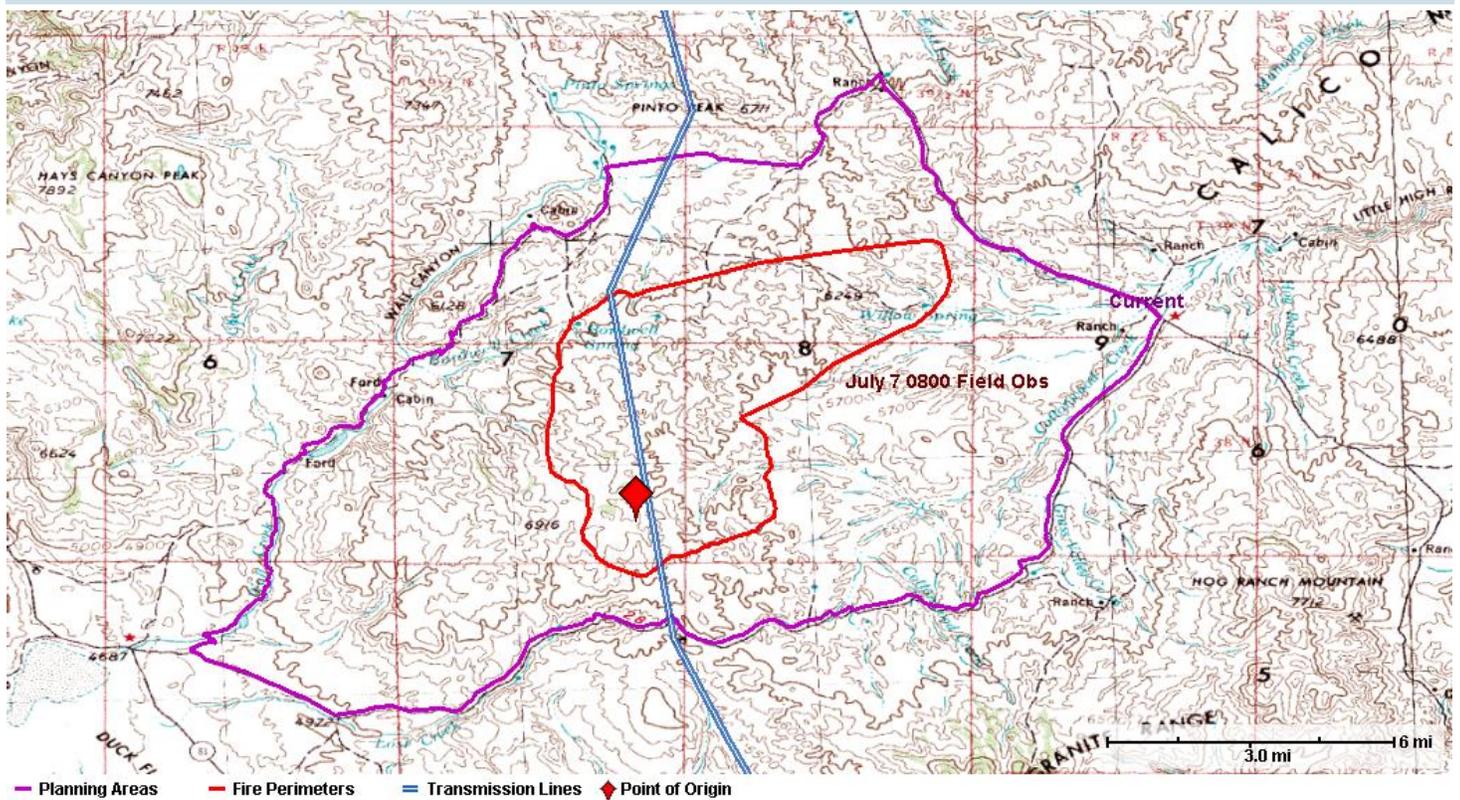
The above map displays the priority habitat for sage grouse within the area. This information was obtained from within WFDSS.

8-7-12 1200 Sage Grouse General Habitat

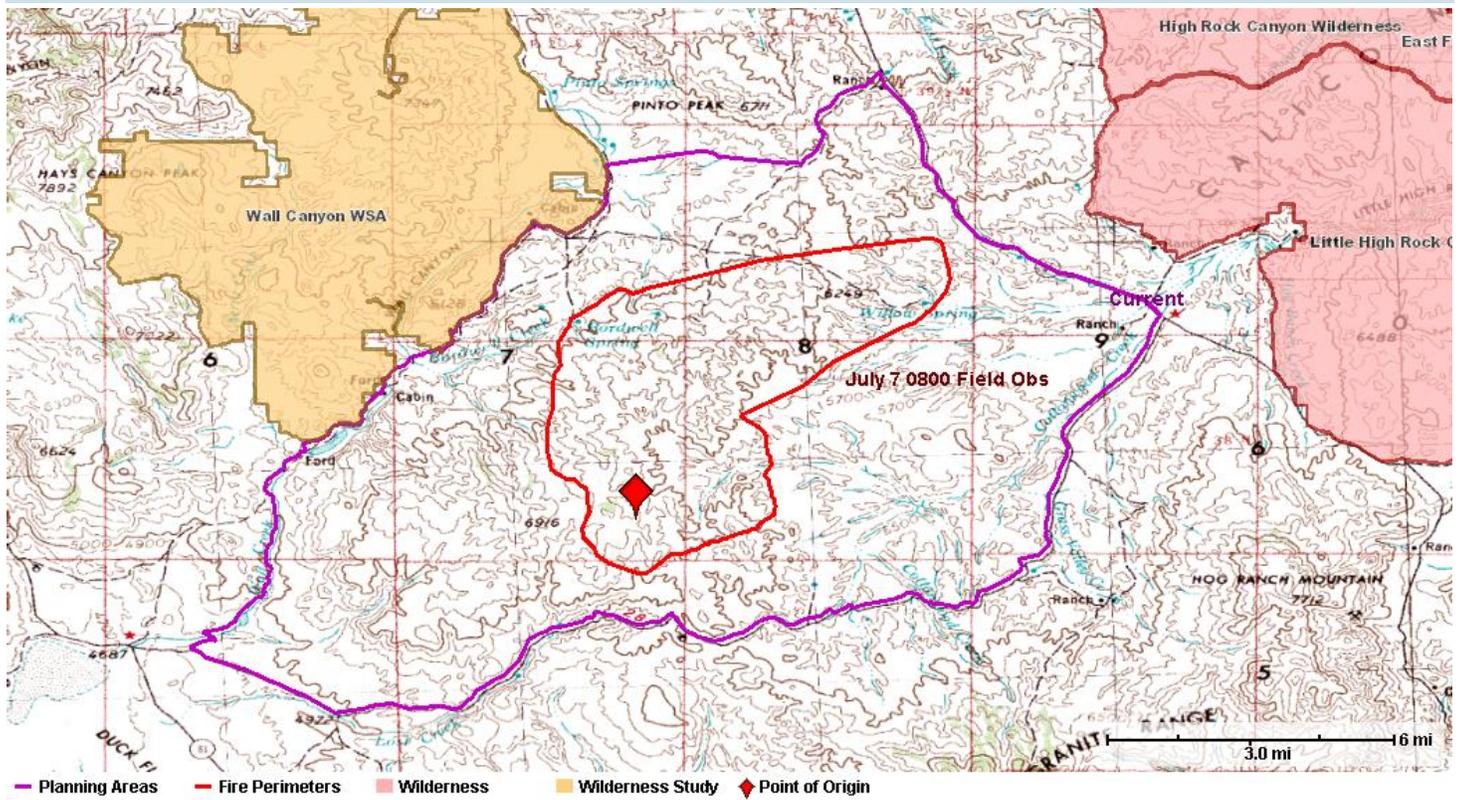


The above map displays the general habitat for sage grouse within the area. This information was obtained from within WFDSS

8-7-12 1200 Transmission Line



The above map displays the location of the Los Angeles Department of Water and Power (LADWP) energy transmission line (200 KV) that runs through the current fire perimeter.



1.6. Rationale

1.6.1. Content

This WFDSS decision has been developed based on additional intel obtained between 8/5 and the morning of 8/7.

The following are the primary concerns to assist with the suppression of this fire:

- Damage to the Los Angeles Department of Water and Power (LADWP) energy transmission line
- Interruption of service to southern California energy consumers for the following week and weekend, based on expected energy use due to increase temperatures
- Current and expected loss of sage grouse habitat
- Impacts to cultural and natural resources

Due to fire burning in the middle of the historic fire season and the topographically challenging area the fire is burning within, a Type 2 IMT was ordered to manage this incident for the BLM Surprise Field Office. The fire would be challenging for a Type 3 organization to support logistically and overall the complexity exceeds the abilities of a Type 3 organization.

Is the wildfire continuing to meet the strategic objectives, management requirements, incident objectives, and incident requirements?

Yes.

The fire is being managed for full suppression.

Has the Relative Risk Assessment changed (higher or lower), which would alert the agency administrator to change or modify the current strategy or decision?

No

Is the risk still commensurate with the potential benefits?

Yes

Is the fire expected to burn outside the current Planning Area?

Unknown at this time.

Currently there is a lack of available resources to be assigned to this incident based on the large number of active fires across California and the western states.

Is the fire behavior modeling completed consistent with the current fire behavior, spread, and intensity that is being observed on the wildfire? Have any of the fire behavior or weather prediction products expired?

Yes.

The fire behavior modeling is consistent with current fire behavior, spread, and intensity that is being observed on the wildfire.

Has the intensity and spread of the wildfire exceeded the original assumptions and risk assessment expectations?

No

Have any of the M.A.P.s been breached or threatened since the last Periodic Assessment? If so, were they implemented effectively and documented? Have new M.A.P.s been developed?

No

Is there other proximate fire activity that may influence the safety of firefighters and/or the public and/or influence the intensity and spread of the wildfire the agency administrator is assessing?

Yes.

There are a large number of large fires within Central and Northern California. Additional suppression resources are currently unavailable in large numbers to assist in the suppression of this fire. There have been requests for additional dozers and aviation assets. The VLAT has been used once on 8/6. It has been order for use on 8/7.

Are there any other factors or issues that may influence the original decision on the wildfire, which would change or require the decision to be modified?

Yes.

Additional resource information has been obtained that is requiring a new decision at this time. The initial decision was developed to provide available information for the incoming Type 2 IMT within a timely manner. This decision is being completed to provide additional incident objectives, incident requirements, and updated planning area boundary.

Is the current management organization adequate or is span of control exceeded?

Yes.

The current management organization is adequate for the complexity of the fire at this time. The issue is that there are not adequate numbers of resources available to minimize acres burned.

Is the estimated initial overall cost of the wildfire exceeded by current estimates due to an increase in wildfire activity and complexity?

Yes.

The initial decision displayed a cost of \$500,000 covering the first two days of suppression. This decision is planned to cover the remainder of the suppression activities based on the planning area boundary. A new decision will be developed if \$4.5 million is exceeded.